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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER 246152024900

U.S. APPLICATION NO. (JEKnown, se CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/EP03/08216 25 July 2003 25 July 2002 TITLE OF INVENTION GENES FROM PROPIONIBACTERIUM FREUDENREICHII ENCODING ENZYMES INVOLVED IN VITAMIN B12 BIOSYNTHESIS APPLICANT(S) FOR DO/EO/US Herman J. PEL et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 2 This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must 3 include items (5), (6), (9) and (21) indicated below. х The US has been elected (Article 31). 4. 5. х A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). a. b. has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). C. 6. An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). is attached hereto. a. has been previously submitted under 35 U.S.C. 154(d)(4). b. 7. Х Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) a. are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. C. d. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 9 An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 12 3.31 is included. A preliminary amendment. (11 pages) 13. 14. An Application Data Sheet under 37 CFR 1.76. (2 pages) 15. A substitute specification. 16. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18 then Assessmot/ses/2007e-ph/06/18 Red International Application under 35 U.S.C. 154(d)(4). /14/2005 GFREY1 _____0000095 031952 10522389 07/25/2005 <u>PB00KER</u> Other items or information: Return Receipt Postcard; Combined Declaration and Power of Attorney (2 pages); and Copy of Notification of Receipt of Record Copy (1 page)

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21. The following fees are submitted: X a) Basic national fee	U.S. APPLICATION OF (ILLINES 2002 FT. 58 9 INTERNATIONAL APPLICATION NO. PCT/EP03/08216 ATTORNEY'S DOCKET NUMBER 246152024900											
X b) Examination fee \$200.00												
X c) Search fee	x a) Basic national fee\$300.00									300.00		
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Dated: 1-25-05 Signature: (Srivia Corona)												

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